

# Shifty Practical Effects – Part Two

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The exploration of Shift effects continues. Does any reader suggest a better name than "The Shift"? The Rift? The Gift, the Lift or the Sift? (Inspiration from reader "Tim" is hereby acknowledged, appreciated and "recognised". [British spellers rejoice.])

*Q: Okay Messrs. Committee Members, we've looked at volcanoes, figuratively anyway. Next up, magnetic poles. Please explain.*

*C: Greetings, salutations and hello to all of you to whom these words arrive. Good wishes we send, good receipt may they have.*

Earth is a magnet disguised as a planet. Celestial objects deemed planets or even planetoids, sometimes the ones revolving around the others, what are called moons, often have a magnetic field but other examples do not. Earth has a vigorous one, and it is the principal reason for the conditions of your beloved home Earth.

As the effects of your solar system central star, your mother being, reach Earth, interaction with the magnetic shield of Earth occurs.

Generally the rotation of Earth causes alignment of the magnetic poles, but this is not exact. The locations can move relative to the physical surface. The magnetism flows below Earth's surface, along or upon it and above, reaching into outer space approximately twenty thousand miles or thirty two thousand kilometers.

The passing of a magnet near a copper coil, or two magnets together, or electricity through a coil to produce magnetism, are all examples of what occurs. As humans recently discovered in human history, radiation in the form of particles dangerous-to-humans, accumulate in a layer surrounding Earth, just above the region between the atmosphere and the layer where human satellites and humans aboard them, can safely traverse.

Where the magnetic fields converge on Earth's surface are the poles.

When interaction between magnetic areas and charged particles reaches a sufficient level, the magnetism is distorted. Think of a large water balloon undulating and convulsing as it is touched, struck or thrown.

*Q: Does Earth's water surface have a role of effect?*

*C: No, not in the effects we shall describe.*

Already have humans noted the movement of the poles. The axis of rotation, the imaginary straight line or stick which passes through the infinitesimally small point of no movement at each end of Earth, a place upon where you would always be looking south or north if you stood there, is not where the magnetic field converges.

Because the difference is small related to the size of Earth, navigation by compass is viable.

The magnetic field can be detected by such a device, its flow lines causing alignment along the

north to south lines, allowing any direction to be indicated by such device.

Movement of the poles, caused by magnetic field changes, shifts of their positions relative to the physical surface mean guidance and navigation require re-adjustment.

*Q: This has begun to occur recently, for the first time since magnetism, compasses and navigation have been used. Why?*

C: Approaching energy, the first effects.

*Q: What approaching energy?*

C: At intervals somewhat regular, in that energy build-up reaches specific and precise levels. Its release sends a wave through the universe, and it now reaches you.

*Q: Erratic weather events and patterns on Earth are caused by this?*

C: Yes.

*Q: What is coming?*

C: Magnetic pole movements will disrupt navigation. An aircraft in flight will follow the intended and proper compass direction to discover it has veered hundreds of kilometers off course when it descends to approach the destination.

Aircraft also use signals broadcast or transmitted by satellites, as do many devices. The orbiting devices and the signals transmitted will also be disturbed by the energy affecting Earth's magnetic field.

*Q: What practical effect will this have?*

C: Aircraft will have to use signals or vectors transmitted from the ground to determine location. This is done now for airports and runway approaches, so the technology exists and has for many decades. It will be re-expanded however the first few incidents of long distance oceanic flights, especially where a small enough destination location can be passed by, will become cause great concern.

An example we suggest are aircraft approaching New Zealand's north island coming from the east and travelling westward, such as arriving from North America. One of such might discover that despite apparently correct compass readings, accurate ground and air speed measurement, at the proper time for descent it will discover Auckland not ahead but far west. The aircraft could become located in between and halfway to Fiji.

*Q: Will this problem be solved once known?*

C: Yes and rather quickly but it will provide for a few what humans might call white knuckle moments.

*Q: What about cars and all the surface things which use global positioning satellites, or GPS?*

C: These devices will become unreliable as energy disrupts satellites.

*Q: Oceangoing ships?*

C: They will revert to star position navigation when compass readings and GPS are no dependable.

*Q: Electromagnetic transmissions for radio, television and all the other things we use, such as radar, will these be affected?*

C: Temporarily, yes.

*Q: Will we have an EMP or electromagnetic pulse type situation, such as what we discovered happens when a nuclear device is detonated?*

C: No. Earth's magnetic field will be if anything, enhanced by these events. It will still provide the protection it always has but for the convulsions.

*Q: Will this affect internet communications?*

C: Generally no except where satellites are involved.

*Q: Will any and everything using an orbiting satellite be affected?*

C: Yes. Some satellites will simply re-set and continue operation, Others will suffer partial malfunctions or failures, others will become useless.

*Q: Obviously, everyone will want calendar dates and times of day for each event. I already know you will say this cannot be done.*

C: Yes, because the date is not decided. Human awareness could affect this, if sufficient mental energy were directed towards the approaching event. This will not happen, but great benefit derives from surprise and unexpected events.

*Q: The next issue I hope we can explore will be the effects of rising temperatures.*

C: Please do, we will be pleased to unpack this also.